

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Broadhead Creek Oil - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region III

**Subject:** POLREP #3  
Progress Update  
Broadhead Creek Oil  
  
Canadensis, PA  
Latitude: 41.1915423 Longitude: -75.2531785

**To:** John Codd, USCG  
Thomas Hartnett, PADEP  
R3 RRC, US EPA R3

**From:** Dominic Ventura, On Scene Coordinator

**Date:** 3/20/2019

**Reporting Period:** 03/11/19 - 03/18/19

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	Z3PM	<b>Contract Number:</b>	
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	
<b>Response Authority:</b>	OPA	<b>Response Type:</b>	Emergency
<b>Response Lead:</b>	EPA	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>		<b>Start Date:</b>	2/25/2019
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>		<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	
<b>FPN#:</b>	E19306	<b>Reimbursable Account #:</b>	

#### 1.1.1 Incident Category

Discharge of oil to Broadhead Creek .

#### 1.1.2 Site Description

The site originates from an approximately five acre property located at 1374 Route 390 in Canadensis, Pennsylvania. The property is located along the bank of Broadhead Creek and contains two buildings. One building was previously used for a restaurant and the other building (closest to creek) was used for a mix of residential and office space. Both buildings are now vacant. The residential/office building is located approximately 25 feet from Broadhead Creek.

#### 1.1.2.2 Description of Threat

Ongoing discharge of oil into Broadhead Creek, a direct tributary to the Delaware River.

#### 1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Pennsylvania Department of Environmental Protection contacted EPA OSC Ventura on February 22, 2019 and requested assistance at the site. PADEP reported the incident to the National Response Center (NRC) the same day (NRC#1238372). PADEP reported that they received a report of a discharge of oil at the site on February 16, 2019 and had been responding to the discharge since that time.

OSC Ventura met representatives of Pennsylvania Department of Environmental Protection (PADEP) and Pennsylvania Fish and Boat Commission (PFBC) at the site on February 25, 2019. The OSC observed a substantial sheen in Broadhead creek along the bank of the property described above.

A 250 gallon above ground storage tank (AST) and 1,000 gallon underground storage tank (UST) were located directly in front of the residential/office building. The tank contained approximately 8 inches of oily sludge and water. A strong oil odor was evident throughout the residential home and oil staining was observed on the floors and walls of the basement. Oil soaked debris littered the floor of the basement. The UST was identified as a likely source of oil discharge.

Based on initial site assessment, the OSC has determined that there is a direct discharge of oil to the navigable waters of the United States. On February 25, 2019, OSC Ventura obtained Oil Spill Liability Trust Fund (OSLTF) funding for \$50,000 to initiate assessment, mitigation, and cleanup actions at the site. On February 28, 2019 EPA mobilized ERRS contractor personnel and equipment to the site to begin removal activities.

See previous Polreps for additional information.

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

ERRS contractor personnel have been visiting the site three days per week to maintain and replace absorbent boom in Broadhead Creek. The OSC was on site March 13 and March 18 to observe. Some free red colored oil was observed behind one of the booms on March 13. Contractors reported that when removing some oiled vegetation from the creek bank they disturbed a few rocks and free oil was discharged. ERRS personnel recovered free oil using absorbent pads.

ERRS contractors deployed hard boom in the creek on March 18 to better contain sheen and any free oil that may discharge. Sheen was lighter than observed the previous week. However, now that snow and ice has melted along the creek bank, an approximately 4 inch band of oil saturated sand and rock can be observed starting from where the house is located and stretching approximately 50 feet downstream. When ERRS personnel removed a small rock from the bank free oil was discharged.

EPA is planning to conduct additional subsurface investigation at the site on March 27 and 28. This will include digging multiple test pits, cutting through the floor in the basement to observe the ground underneath, and tracing a floor drain in the basement which appears to flow towards the creek.

## 2.1.2 Response Actions to Date

On February 28, 2019 EPA mobilized ERRS personnel to begin maintaining absorbent boom at the site. Maintenance of boom is ongoing. Excavation of the UST and cleanup of the basement were completed from March 5 through March 8, 2019.

See previous Polreps for additional information.

## 2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

(b) (6) is the owner of the property at 1374 Route 390, Canadensis, PA and has been identified as the responsible party (RP). See previous Polreps for additional information.

## 2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

## 2.2 Planning Section

### 2.2.1 Anticipated Activities

#### 2.2.1.1 Planned Response Activities

ERRS personnel will continue to maintain and replace absorbent boom at the site.

#### 2.2.1.2 Next Steps

EPA and ERRS personnel will conduct subsurface investigation at the site on March 27 and 28. This will include digging multiple test pits, cutting through the floor in the basement to observe the ground underneath, and tracing a floor drain in the basement which appears to flow towards the creek.

### 2.2.2 Issues

## 2.3 Logistics Section

No information available at this time.

## 2.4 Finance Section

### 2.4.1 Narrative

On February 25, 2019, OSC Ventura obtained Oil Spill Liability Trust Fund (OSLTF) funding for \$50,000 to initiate assessment, mitigation, and cleanup actions at the site. The site ceiling was increased to \$75,000 on March 12, 2019 to provide additional funding for ongoing activities.

### Estimated Costs \*

	<b>Budgeted</b>	<b>Total To Date</b>	<b>Remaining</b>	<b>% Remaining</b>
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$38,000.00	\$24,624.50	\$13,375.50	35.20%
TAT/START	\$10,063.00	\$4,539.48	\$5,523.52	54.89%
<b>Intramural Costs</b>				
USEPA - Direct	\$17,036.00	\$9,053.00	\$7,983.00	46.86%
USEPA - InDirect	\$9,901.00	\$1,630.60	\$8,270.40	83.53%
<b>Total Site Costs</b>	<b>\$75,000.00</b>	<b>\$39,847.58</b>	<b>\$35,152.42</b>	<b>46.87%</b>

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost

accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

#### **2.5 Other Command Staff**

No information available at this time.

### **3. Participating Entities**

#### **3.1 Unified Command**

EPA and PADEP

#### **3.2 Cooperating Agencies**

PFBC

### **4. Personnel On Site**

No information available at this time.

### **5. Definition of Terms**

No information available at this time.

### **6. Additional sources of information**

No information available at this time.

### **7. Situational Reference Materials**

No information available at this time.